PHYSICAL COLLOCATION
Verizon - Maryland
FCC - 1

DC POWER - LESS THAN OR EQUAL TO 60 AMPS

	A	B	C	D	E	F
	ITEM	SOURCE	LAND	BLDG	SWITCH EQPT.	TOTAL INVEST
1	TOTAL POWER PLANT UNIT INVESTMENT	WP 3.1, PG 3, LINE 10	-	-	$248.71	$248.71
2	EF&I FACTOR - FRC 377C	WP 8.0, PG 1, LINE 24E	-	-	2.7852	2.7852
3	INSTALLED INVESTMENT (NRC)	LINE 1 x LINE 2	-	-	$692.71	$692.71
4	UTILIZATION FACTOR	ENGINEERING	-	-	1.0000	1.0000
5	TOTAL IN-PLACE INVESTMENT	LINE 3 x LINE 4	-	-	$692.71	$692.71
6	LAND INVESTMENT FACTOR	WP 8.0, PG 1, LINE 22E	0.0078	-	-	0.0078
7	BUILDING INVESTMENT FACTOR	WP 8.0, PG 1, LINE 23E	-	0.1470	-	0.1470
8	LAND INVESTMENT	LINE 5E x LINE 6C	$5.40		-	$5.40
9	BUILDING INVESTMENT	LINE 5E x LINE 7D	-	$101.82	-	$101.82
10	TOTAL UNIT INVESTMENT	LINE 5E + LINE 8C + LINE 9D	$5.40	$101.82	$692.71	$799.93
11	WEIGHTED UNIT INVESTMENT	INE 10 x WP 8.0, PG 1, LINE 26E	$0.88	$16.54	$112.53	$129.95

PHYSICAL COLLOCATION
Verizon - Maryland
FCC - 1

DC POWER - LESS THAN OR EQUAL TO 60 AMPS

	A	B	C	D	E	F
	ITEM	SOURCE	LAND	BLDG	CKT EQPT.	TOTAL INVEST
1	TOTAL UNIT INVESTMENT	WP 3.0, PG 2 LINE 10	$5.40	$101.82	$692.71	$799.93
2	DEPRECIATION	LINE 1 X WP 8.0 - ACF FACTOR	$0.00	$2.24	$27.79	$30.04
3	COST OF MONEY	LINE 1 X WP 8.0 - ACF FACTOR	$0.61	$8.49	$38.50	$47.60
4	INCOME TAX	LINE 1 X WP 8.0 - ACF FACTOR	$0.30	$4.17	$18.92	$23.39
5	MAINTENANCE	LINE 1 X WP 8.0 - ACF FACTOR	$0.14	$2.62	$34.70	$37.45
6	ADMINISTRATION	LINE 1 X WP 8.0 - ACF FACTOR	$0.23	$4.37	$29.71	$34.31
7	OTHER TAX	LINE 1 X WP 8.0 - ACF FACTOR	$0.09	$1.78	$12.16	$14.03
8	ANNUAL DIRECT COST	SUM (LINE 2 THRU LINE 7)	$1.37	$23.67	$161.78	$186.83
9	WEIGHTED UNIT INVESTMENT	LINE 8 x WP 8.0, PG 1, LINE 26E	$0.22	$3.85	$26.28	$30.35

PHYSICAL COLLOCATION
Verizon - Maryland
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DC POWER - LESS THAN OR EQUAL TO 60 AMPS

LINE NO.	A ITEM	B SOURCE	C METRO	D URBAN	E SUBURBAN	F RURAL
	Microprocessor Plant (BUSS BAR)					
1	AMP	Engineering	5,000	2,600	2,600	600
2	Material	Engineering	$27,154	$23,879	$23,879	$18,349
3	Unit Investment Per AMP	(L2 / L1)	$5.43	$9.18	$9.18	$30.58
4	Statewide Weighting	WP 8.0, Col E, Lns 27-30	0.1763	0.5162	0.1698	0.1377
5	Statewide Unit Investment Per AMP	$11.47	$0.96	$4.74	$1.56	$4.21
	Rectifiers					
6	Quantity	Engineering	6	6	6	7
7	AMPS per unit	Engineering	400	200	200	50
8	Tot. AMPS	(L6 * L7)	2,400	1,200	1,200	350
9	Utilization	(L6-1) / L6)	83.33%	83.33%	83.33%	85.71%
10	Material	Engineering	$55,502	$42,046	$42,046	$15,900
11	Total Investment	(L10 / L9)	$66,602	$50,455	$50,455	$18,550
12	Unit Investment Per AMP	(L11 / L8)	$27.75	$42.05	$42.05	$53.00
13	Statewide Weighting	WP 8.0, Col E, Lns 27-30	0.1763	0.5162	0.1698	0.1377
14	Statewide Unit Investment Per AMP	$41.03	$4.89	$21.70	$7.14	$7.30
	Batteries					
15	Strings	Engineering	3	3	3	2
16	AMPs per String	Engineering	688	310	310	310
17	Tot. AMPS	(L15 * L16)	2,064	930	930	620
18	Total Investment	Engineering	$80,952	$34,965	$34,965	$23,310
19	Unit Investment Per AMP	(L18 / L17)	$39.22	$37.60	$37.60	$37.60
20	Statewide Weighting	WP 8.0, Col E, Lns 27-30	0.1763	0.5162	0.1698	0.1377
21	Statewide Unit Investment Per AMP	$37.88	$6.91	$19.41	$6.38	$5.18
	Automatic Breaker					
22	AMP per Breaker	Engineering	1,600	1,200	800	400
23	Total Investment	Engineering	$50,000	$40,000	$35,000	$20,000
24	Unit Investment Per AMP	(L23 / L22)	$31.25	$33.33	$43.75	$50.00
25	Statewide Weighting	WP 8.0, Col E, Lns 27-30	0.1763	0.5162	0.1698	0.1377
26	Statewide Unit Investment Per AMP	$37.03	$5.51	$17.21	$7.43	$6.89
	Power Distribution Service Cabinet					
27	Amps	Engineering	1,600	800	400	400
28	Material	Engineering	$13,976	$7,788	$5,677	$3,467
29	Unit Investment Per AMP	(L28 / L27)	$8.74	$9.74	$14.19	$8.67
30	Statewide Weighting	WP 8.0, Col E, Lns 27-30	0.1763	0.5162	0.1698	0.1377
31	Statewide Unit Investment Per AMP	$10.17	$1.54	$5.03	$2.41	$1.19
	Emergency engine/turbine (auto start)					
32	AMP Capacity	Engineering	2,605	1,736	1,111	434
33	Utilization	Engineering	70%	70%	70%	70%
34	Utilized AMPS	(L32 * L33)	1,824	1,215	778	304
35	Emerg. Engine Invest.	Engineering	$130,765	$78,249	$53,871	$41,874
36	Conduit/Emer Lights	Engineering	$45,629	$30,487	$23,332	$11,810
37	Total Investment	(L35 + L36)	$176,394	$108,736	$77,203	$53,684
38	Unit Investment Per AMP	(L37 / L34)	$96.73	$89.48	$99.27	$176.71
39	Statewide Weighting	WP 8.0, Col E, Lns 27-30	0.1763	0.5162	0.1698	0.1377
40	Statewide Unit Investment Per AMP	$104.43	$17.05	$46.19	$16.86	$24.33
	Battery Distribution Fuse Bay					
41	AMP Capacity	Engineering	800	800	800	800
42	Material	Engineering	$5,355	$5,355	$5,355	$5,355
43	Unit Investment Per AMP	(L42 / L41)	$6.69	$6.69	$6.69	$6.69
44	Statewide Weighting	WP 8.0, Col E, Lns 27-30	0.1763	0.5162	0.1698	0.1377
45	Statewide Unit Investment Per AMP	$6.69	$1.18	$3.46	$1.14	$0.92
46	Total Unit Investment - (Less than or Equal to 60 AMP's) - Sum Lines (5C+14C+21C+26C+31C+40C+45C)	$248.71				

PHYSICAL COLLOCATION
Verizon - Maryland
FCC - 1

DC POWER - GREATER THAN 60 AMPS

	A	B	C	D	E	F
	ITEM	SOURCE	LAND	BLDG	SWITCH EQPT.	TOTAL INVEST
1	TOTAL POWER PLANT UNIT INVESTMENT	WP 3.0, PG 3, LINE 10	-	-	$251.11	$251.11
2	EF&I FACTOR - FRC 377C	WP 8.0, PG 1, LINE 24E	-	-	2.7852	2.7852
3	INSTALLED INVESTMENT (NRC)	LINE 1 x LINE 2	-	-	$699.40	$699.40
4	UTILIZATION FACTOR	ENGINEERING	-	-	1.0000	1.0000
5	TOTAL IN-PLACE INVESTMENT	LINE 3 x LINE 4	-	-	$699.40	$699.40
6	LAND INVESTMENT FACTOR	WP 8.0, PG 1, LINE 22E	0.0078	-	-	0.0078
7	BUILDING INVESTMENT FACTOR	WP 8.0, PG 1, LINE 23E	-	0.1470	-	0.1470
8	LAND INVESTMENT	LINE 5E x LINE 6C	$5.45		-	$5.45
9	BUILDING INVESTMENT	LINE 5E x LINE 7D	-	$102.80	-	$102.80
10	TOTAL UNIT INVESTMENT	LINE 5E + LINE 8C + LINE 9D	$5.45	$102.80	$699.40	$807.65
11	WEIGHTED UNIT INVESTMENT	INE 10 x WP 8.0, PG 1, LINE 26E	$0.89	$16.70	$113.62	$131.20

PHYSICAL COLLOCATION
Verizon - Maryland
FCC - 1

DC POWER - GREATER THAN 60 AMPS

	A	B	C	D	E	F
	ITEM	SOURCE	LAND	BLDG	CKT EQPT.	TOTAL INVEST
1	TOTAL UNIT INVESTMENT	WP 3.0, PG 2 LINE 10	$5.45	$102.80	$699.40	$807.65
2	DEPRECIATION	LINE 1 X WP 8.0 - ACF FACTOR	$0.00	$2.26	$28.06	$30.32
3	COST OF MONEY	LINE 1 X WP 8.0 - ACF FACTOR	$0.62	$8.57	$38.87	$48.06
4	INCOME TAX	LINE 1 X WP 8.0 - ACF FACTOR	$0.30	$4.21	$19.10	$23.62
5	MAINTENANCE	LINE 1 X WP 8.0 - ACF FACTOR	$0.14	$2.64	$35.03	$37.82
6	ADMINISTRATION	LINE 1 X WP 8.0 - ACF FACTOR	$0.23	$4.41	$30.00	$34.64
7	OTHER TAX	LINE 1 X WP 8.0 - ACF FACTOR	$0.10	$1.80	$12.27	$14.17
8	ANNUAL DIRECT COST	SUM (LINE 2 THRU LINE 7)	$1.39	$23.90	$163.34	$188.63
9	WEIGHTED UNIT INVESTMENT	LINE 8 x WP 8.0, PG 1, LINE 26E	$0.23	$3.88	$26.53	$30.64

PHYSICAL COLLOCATION
Verizon - Maryland
FCC NO. 1

DC POWER - GREATER THAN 60 AMPS

LINE NO.	A ITEM	B SOURCE	C METRO	D URBAN	E SUBURBAN	F RURAL
	Microprocessor Plant (BUSS BAR)					
1	AMP	Engineering	5,000	2,600	2,600	600
2	Material	Engineering	$27,154	$23,879	$23,879	$18,349
3	Unit Investment Per AMP	(L2 / L1)	$5.43	$9.18	$9.18	$30.58
4	Statewide Weighting	WP 8.0, Col E, Lns 27-30	0.1763	0.5162	0.1698	0.1377
5	Statewide Unit Investment Per AMP	$11.47	$0.96	$4.74	$1.56	$4.21
	Rectifiers					
6	Quantity	Engineering	6	6	6	7
7	AMPS per unit	Engineering	400	200	200	50
8	Tot. AMPS	(L6 * L7)	2,400	1,200	1,200	350
9	Utilization	(L6-1) / L6)	83.33%	83.33%	83.33%	85.71%
10	Material	Engineering	$55,502	$42,046	$42,046	$15,900
11	Total Investment	(L10 / L9)	$66,602	$50,455	$50,455	$18,550
12	Unit Investment Per AMP	(L11 / L8)	$27.75	$42.05	$42.05	$53.00
13	Statewide Weighting	WP 8.0, Col E, Lns 27-30	0.1763	0.5162	0.1698	0.1377
14	Statewide Unit Investment Per AMP	$41.03	$4.89	$21.70	$7.14	$7.30
	Batteries					
15	Strings	Engineering	3	3	3	2
16	AMPs per String	Engineering	688	310	310	310
17	Tot. AMPS	(L15 * L16)	2,064	930	930	620
18	Total Investment	Engineering	$80,952	$34,965	$34,965	$23,310
19	Unit Investment Per AMP	(L18 / L17)	$39.22	$37.60	$37.60	$37.60
20	Statewide Weighting	WP 8.0, Col E, Lns 27-30	0.1763	0.5162	0.1698	0.1377
21	Statewide Unit Investment Per AMP	$37.88	$6.91	$19.41	$6.38	$5.18
	Automatic Breaker					
22	AMP per Breaker	Engineering	1,600	1,200	800	400
23	Total Investment	Engineering	$50,000	$40,000	$35,000	$20,000
24	Unit Investment Per AMP	(L23 / L22)	$31.25	$33.33	$43.75	$50.00
25	Statewide Weighting	WP 8.0, Col E, Lns 27-30	0.1763	0.5162	0.1698	0.1377
26	Statewide Unit Investment Per AMP	$37.03	$5.51	$17.21	$7.43	$6.89
	Power Distribution Service Cabinet					
27	Amps	Engineering	1,600	800	400	400
28	Material	Engineering	$13,976	$7,788	$5,677	$3,467
29	Unit Investment Per AMP	(L28 / L27)	$8.74	$9.74	$14.19	$8.67
30	Statewide Weighting	WP 8.0, Col E, Lns 27-30	0.1763	0.5162	0.1698	0.1377
31	Statewide Unit Investment Per AMP	$10.17	$1.54	$5.03	$2.41	$1.19
	Emergency engine/turbine (auto start)					
32	AMP Capacity	Engineering	2,605	1,736	1,111	434
33	Utilization	Engineering	70%	70%	70%	70%
34	Utilized AMPS	(L32 * L33)	1,824	1,215	778	304
35	Emerg. Engine Invest.	Engineering	$130,765	$78,249	$53,871	$41,874
36	Conduit/Emer Lights	Engineering	$45,629	$30,487	$23,332	$11,810
37	Total Investment	(L35 + L36)	$176,394	$108,736	$77,203	$53,684
38	Unit Investment Per AMP	(L37 / L34)	$96.73	$89.48	$99.27	$176.71
39	Statewide Weighting	WP 8.0, Col E, Lns 27-30	0.1763	0.5162	0.1698	0.1377
40	Statewide Unit Investment Per AMP	$104.43	$17.05	$46.19	$16.86	$24.33
	Power Plant Distribution Bay					
41	AMP Capacity	Engineering	2,600	1,200	1,200	300
42	Material	Engineering	$12,747	$10,388	$10,388	$4,993
43	Unit Investment Per AMP	(L42 / L41)	$4.90	$8.66	$8.66	$16.64
44	Statewide Weighting	WP 8.0, Col E, Lns 27-30	0.1763	0.5162	0.1698	0.1377
45	Statewide Unit Investment Per AMP	$9.09	**$0.86**	**$4.47**	**$1.47**	**$2.29**
	Total Unit Investment - (Greater than 60					
46	AMPs) -Sum Lines (5C+14C+21C+26C+31C+40C + 45C)	$251.11				

PHYSICAL COLLOCATION
Verizon - New Jersey
FCC - 1

DC POWER - LESS THAN OR EQUAL TO 60 AMPS

	A	B	C	D	E	F
	ITEM	SOURCE	LAND	BLDG	SWITCH EQPT.	TOTAL INVEST
1	TOTAL POWER PLANT UNIT INVESTMENT	WP 4.0, PG 3, LINE 10	-	-	$232.28	$232.28
2	EF&I FACTOR - FRC 377C	WP 8.0, PG 1, LINE 24F	-	-	2.7852	2.7852
3	INSTALLED INVESTMENT (NRC)	LINE 1 x LINE 2	-	-	$646.96	$646.96
4	UTILIZATION FACTOR	ENGINEERING	-	-	1.0000	1.0000
5	TOTAL IN-PLACE INVESTMENT	LINE 3 x LINE 4	-	-	$646.96	$646.96
6	LAND INVESTMENT FACTOR	WP 8.0, PG 1, LINE 22F	0.0106	-	-	0.0106
7	BUILDING INVESTMENT FACTOR	WP 8.0, PG 1, LINE 23F	-	0.1687	-	0.1687
8	LAND INVESTMENT	LINE 5E x LINE 6C	$6.85		-	$6.85
9	BUILDING INVESTMENT	LINE 5E x LINE 7D	-	$109.16	-	$109.16
10	TOTAL UNIT INVESTMENT	LINE 5E + LINE 8C + LINE 9D	$6.85	$109.16	$646.96	$762.97
11	WEIGHTED UNIT INVESTMENT	INE 10 x WP 8.0, PG 1, LINE 26F	$2.00	$31.87	$188.89	$222.76

PHYSICAL COLLOCATION
Verizon - New Jersey
FCC - 1

DC POWER - LESS THAN OR EQUAL TO 60 AMPS

	A	B	C	D	E	F
	ITEM	SOURCE	LAND	BLDG	CKT EQPT.	TOTAL INVEST
1	TOTAL UNIT INVESTMENT	WP 4.0, PG 2 LINE 10	$6.85	$109.16	$646.96	$762.97
2	DEPRECIATION	LINE 1 X WP 8.0 - ACF FACTOR	$0.00	$2.37	$25.76	$28.13
3	COST OF MONEY	LINE 1 X WP 8.0 - ACF FACTOR	$0.77	$9.09	$35.68	$45.55
4	INCOME TAX	LINE 1 X WP 8.0 - ACF FACTOR	$0.40	$4.72	$18.51	$23.62
5	MAINTENANCE	LINE 1 X WP 8.0 - ACF FACTOR	$0.18	$2.82	$38.87	$41.86
6	ADMINISTRATION	LINE 1 X WP 8.0 - ACF FACTOR	$0.30	$4.72	$27.93	$32.94
7	OTHER TAX	LINE 1 X WP 8.0 - ACF FACTOR	$0.08	$1.35	$8.02	$9.46
8	ANNUAL DIRECT COST	SUM (LINE 2 THRU LINE 7)	$1.73	$25.06	$154.76	$181.56
9	WEIGHTED UNIT INVESTMENT	LINE 8 x WP 8.0, PG 1, LINE 26F	$0.51	$7.32	$45.18	$53.01

PHYSICAL COLLOCATION
Verizon - New Jersey
FCC NO. 1

DC POWER - LESS THAN OR EQUAL TO 60 AMPS

LINE NO.	A ITEM	B SOURCE	C METRO	D URBAN	E SUBURBAN	F RURAL
	Microprocessor Plant (BUSS BAR)					
1	AMP	Engineering	5,000	2,600	2,600	600
2	Material	Engineering	$27,154	$23,879	$23,879	$18,349
3	Unit Investment Per AMP	(L2 / L1)	$5.43	$9.18	$9.18	$30.58
4	Statewide Weighting	WP 8.0, Col F, Lns 27-30	0.3097	0.4901	0.1724	0.0278
5	Statewide Unit Investment Per AMP	$8.62	$1.68	$4.50	$1.58	$0.85
	Rectifiers					
6	Quantity	Engineering	6	6	6	7
7	AMPS per unit	Engineering	400	200	200	50
8	Tot. AMPS	(L6 * L7)	2,400	1,200	1,200	350
9	Utilization	(L6-1) / L6)	83.33%	83.33%	83.33%	85.71%
10	Material	Engineering	$55,502	$42,046	$42,046	$15,900
11	Total Investment	(L10 / L9)	$66,602	$50,455	$50,455	$18,550
12	Unit Investment Per AMP	(L11 / L8)	$27.75	$42.05	$42.05	$53.00
13	Statewide Weighting	WP 8.0, Col F, Lns 27-30	0.3097	0.4901	0.1724	0.0278
14	Statewide Unit Investment Per AMP	$37.92	$8.59	$20.61	$7.25	$1.47
	Batteries					
15	Strings	Engineering	3	3	3	2
16	AMPs per String	Engineering	688	310	310	310
17	Tot. AMPS	(L15 * L16)	2,064	930	930	620
18	Total Investment	Engineering	$80,952	$34,965	$34,965	$23,310
19	Unit Investment Per AMP	(L18 / L17)	$39.22	$37.60	$37.60	$37.60
20	Statewide Weighting	WP 8.0, Col F, Lns 27-30	0.3097	0.4901	0.1724	0.0278
21	Statewide Unit Investment Per AMP	$38.10	$12.15	$18.43	$6.48	$1.05
	Automatic Breaker					
22	AMP per Breaker	Engineering	1,600	1,200	800	400
23	Total Investment	Engineering	$50,000	$40,000	$35,000	$20,000
24	Unit Investment Per AMP	(L23 / L22)	$31.25	$33.33	$43.75	$50.00
25	Statewide Weighting	WP 8.0, Col F, Lns 27-30	0.3097	0.4901	0.1724	0.0278
26	Statewide Unit Investment Per AMP	$34.95	$9.68	$16.34	$7.54	$1.39
	Power Distribution Service Cabinet					
27	Amps	Engineering	1,600	800	400	400
28	Material	Engineering	$13,976	$7,788	$5,677	$3,467
29	Unit Investment Per AMP	(L28 / L27)	$8.74	$9.74	$14.19	$8.67
30	Statewide Weighting	WP 8.0, Col F, Lns 27-30	0.3097	0.4901	0.1724	0.0278
31	Statewide Unit Investment Per AMP	$10.16	$2.71	$4.77	$2.45	$0.24
	Emergency engine/turbine (auto start)					
32	AMP Capacity	Engineering	2,605	1,736	1,111	434
33	Utilization	Engineering	70%	70%	70%	70%
34	Utilized AMPS	(L32 * L33)	1,824	1,215	778	304
35	Emerg. Engine Invest.	Engineering	$130,765	$78,249	$53,871	$41,874
36	Conduit/Emer Lights	Engineering	$45,629	$30,487	$23,332	$11,810
37	Total Investment	(L35 + L36)	$176,394	$108,736	$77,203	$53,684
38	Unit Investment Per AMP	(L37 / L34)	$96.73	$89.48	$99.27	$176.71
39	Statewide Weighting	WP 8.0, Col F, Lns 27-30	0.3097	0.4901	0.1724	0.0278
40	Statewide Unit Investment Per AMP	$95.84	$29.96	$43.85	$17.11	$4.91
	Battery Distribution Fuse Bay					
41	AMP Capacity	Engineering	800	800	800	800
42	Material	Engineering	$5,355	$5,355	$5,355	$5,355
43	Unit Investment Per AMP	(L42 / L41)	$6.69	$6.69	$6.69	$6.69
44	Statewide Weighting	WP 8.0, Col F, Lns 27-30	0.3097	0.4901	0.1724	0.0278
45	Statewide Unit Investment Per AMP	$6.69	$2.07	$3.28	$1.15	$0.19
46	Total Unit Investment - (Less than or Equal to 60 AMP's) - Sum Lines (5C+14C+21C+26C+31C+40C+45C)	$232.28				

PHYSICAL COLLOCATION
Verizon - New Jersey
FCC - 1

DC POWER - GREATER THAN 60 AMPS

	A	B	C	D	E	F
	ITEM	SOURCE	LAND	BLDG	SWITCH EQPT.	TOTAL INVEST
1	TOTAL POWER PLANT UNIT INVESTMENT	WP 4.0, PG 3, LINE 10	-	-	$233.31	$233.31
2	EF&I FACTOR - FRC 377C	WP 8.0, PG 1, LINE 24F	-	-	2.7852	2.7852
3	INSTALLED INVESTMENT (NRC)	LINE 1 x LINE 2	-	-	$649.81	$649.81
4	UTILIZATION FACTOR	ENGINEERING	-	-	1.0000	1.0000
5	TOTAL IN-PLACE INVESTMENT	LINE 3 x LINE 4	-	-	$649.81	$649.81
6	LAND INVESTMENT FACTOR	WP 8.0, PG 1, LINE 22F	0.0106	-	-	0.0106
7	BUILDING INVESTMENT FACTOR	WP 8.0, PG 1, LINE 23F	-	0.1687	-	0.1687
8	LAND INVESTMENT	LINE 5E x LINE 6C	$6.88		-	$6.88
9	BUILDING INVESTMENT	LINE 5E x LINE 7D	-	$109.64	-	$109.64
10	TOTAL UNIT INVESTMENT	LINE 5E + LINE 8C + LINE 9D	$6.88	$109.64	$649.81	$766.33
11	WEIGHTED UNIT INVESTMENT	INE 10 x WP 8.0, PG 1, LINE 26F	$2.01	$32.01	$189.72	$223.74

PHYSICAL COLLOCATION
Verizon - New Jersey
FCC - 1

DC POWER - GREATER THAN 60 AMPS

	A	B	C	D	E	F
	ITEM	SOURCE	LAND	BLDG	CKT EQPT.	TOTAL INVEST
1	TOTAL UNIT INVESTMENT	WP 4.0, PG 2 LINE 10	$6.88	$109.64	$649.81	$766.33
2	DEPRECIATION	LINE 1 X WP 8.0 - ACF FACTOR	$0.00	$2.38	$25.87	$28.25
3	COST OF MONEY	LINE 1 X WP 8.0 - ACF FACTOR	$0.78	$9.13	$35.84	$45.75
4	INCOME TAX	LINE 1 X WP 8.0 - ACF FACTOR	$0.40	$4.74	$18.59	$23.73
5	MAINTENANCE	LINE 1 X WP 8.0 - ACF FACTOR	$0.18	$2.83	$39.04	$42.04
6	ADMINISTRATION	LINE 1 X WP 8.0 - ACF FACTOR	$0.30	$4.74	$28.05	$33.09
7	OTHER TAX	LINE 1 X WP 8.0 - ACF FACTOR	$0.09	$1.36	$8.06	$9.50
8	ANNUAL DIRECT COST	SUM (LINE 2 THRU LINE 7)	$1.74	$25.17	$155.44	$182.36
9	WEIGHTED UNIT INVESTMENT	LINE 8 x WP 8.0, PG 1, LINE 26F	$0.51	$7.35	$45.38	$53.24

PHYSICAL COLLOCATION
Verizon - New Jersey
FCC NO. 1

DC POWER - GREATER THAN 60 AMPS

LINE NO.	A ITEM	B SOURCE	C METRO	D URBAN	E SUBURBAN	F RURAL
	Microprocessor Plant (BUSS BAR)					
1	AMP	Engineering	5,000	2,600	2,600	600
2	Material	Engineering	$27,154	$23,879	$23,879	$18,349
3	Unit Investment Per AMP	(L2 / L1)	$5.43	$9.18	$9.18	$30.58
4	Statewide Weighting	WP 8.0, Col F, Lns 27-30	0.3097	0.4901	0.1724	0.0278
5	Statewide Unit Investment Per AMP	$8.62	$1.68	$4.50	$1.58	$0.85
	Rectifiers					
6	Quantity	Engineering	6	6	6	7
7	AMPS per unit	Engineering	400	200	200	50
8	Tot. AMPS	(L6 * L7)	2,400	1,200	1,200	350
9	Utilization	(L6-1) / L6)	83.33%	83.33%	83.33%	85.71%
10	Material	Engineering	$55,502	$42,046	$42,046	$15,900
11	Total Investment	(L10 / L9)	$66,602	$50,455	$50,455	$18,550
12	Unit Investment Per AMP	(L11 / L8)	$27.75	$42.05	$42.05	$53.00
13	Statewide Weighting	WP 8.0, Col F, Lns 27-30	0.3097	0.4901	0.1724	0.0278
14	Statewide Unit Investment Per AMP	$37.92	$8.59	$20.61	$7.25	$1.47
	Batteries					
15	Strings	Engineering	3	3	3	2
16	AMPs per String	Engineering	688	310	310	310
17	Tot. AMPS	(L15 * L16)	2,064	930	930	620
18	Total Investment	Engineering	$80,952	$34,965	$34,965	$23,310
19	Unit Investment Per AMP	(L18 / L17)	$39.22	$37.60	$37.60	$37.60
20	Statewide Weighting	WP 8.0, Col F, Lns 27-30	0.3097	0.4901	0.1724	0.0278
21	Statewide Unit Investment Per AMP	$38.10	$12.15	$18.43	$6.48	$1.05
	Automatic Breaker					
22	AMP per Breaker	Engineering	1,600	1,200	800	400
23	Total Investment	Engineering	$50,000	$40,000	$35,000	$20,000
24	Unit Investment Per AMP	(L23 / L22)	$31.25	$33.33	$43.75	$50.00
25	Statewide Weighting	WP 8.0, Col F, Lns 27-30	0.3097	0.4901	0.1724	0.0278
26	Statewide Unit Investment Per AMP	$34.95	$9.68	$16.34	$7.54	$1.39
	Power Distribution Service Cabinet					
27	Amps	Engineering	1,600	800	400	400
28	Material	Engineering	$13,976	$7,788	$5,677	$3,467
29	Unit Investment Per AMP	(L28 / L27)	$8.74	$9.74	$14.19	$8.67
30	Statewide Weighting	WP 8.0, Col F, Lns 27-30	0.3097	0.4901	0.1724	0.0278
31	Statewide Unit Investment Per AMP	$10.16	$2.71	$4.77	$2.45	$0.24
	Emergency engine/turbine (auto start)					
32	AMP Capacity	Engineering	2,605	1,736	1,111	434
33	Utilization	Engineering	70%	70%	70%	70%
34	Utilized AMPS	(L32 * L33)	1,824	1,215	778	304
35	Emerg. Engine Invest.	Engineering	$130,765	$78,249	$53,871	$41,874
36	Conduit/Emer Lights	Engineering	$45,629	$30,487	$23,332	$11,810
37	Total Investment	(L35 + L36)	$176,394	$108,736	$77,203	$53,684
38	Unit Investment Per AMP	(L37 / L34)	$96.73	$89.48	$99.27	$176.71
39	Statewide Weighting	WP 8.0, Col F, Lns 27-30	0.3097	0.4901	0.1724	0.0278
40	Statewide Unit Investment Per AMP	$95.84	$29.96	$43.85	$17.11	$4.91
	Power Plant Distribution Bay					
41	AMP Capacity	Engineering	2,600	1,200	1,200	300
42	Material	Engineering	$12,747	$10,388	$10,388	$4,993
43	Unit Investment Per AMP	(L42 / L41)	$4.90	$8.66	$8.66	$16.64
44	Statewide Weighting	WP 8.0, Col F, Lns 27-30	0.3097	0.4901	0.1724	0.0278
45	Statewide Unit Investment Per AMP	$7.72	**$1.52**	**$4.24**	**$1.49**	**$0.46**
46	Total Unit Investment - (Greater than 60 AMPs) -Sum Lines (5C+14C+21C+26C+31C+40C + 45C)	$233.31				

PHYSICAL COLLOCATION
Bell Atlantic - Pennsylvania
FCC - 1

DC POWER - LESS THAN OR EQUAL TO 60 AMPS

	A	B	C	D	E	F
	ITEM	SOURCE	LAND	BLDG	SWITCH EQPT.	TOTAL INVEST
1	TOTAL POWER PLANT UNIT INVESTMENT	WP 5.0, PG 3, LINE 10	-	-	$248.83	$248.83
2	EF&I FACTOR - FRC 377C	WP 8.0, PG 1, LINE 24G	-	-	2.7852	2.7852
3	INSTALLED INVESTMENT (NRC)	LINE 1 x LINE 2	-	-	$693.05	$693.05
4	UTILIZATION FACTOR	ENGINEERING	-	-	1.0000	1.0000
5	TOTAL IN-PLACE INVESTMENT	LINE 3 x LINE 4	-	-	$693.05	$693.05
6	LAND INVESTMENT FACTOR	WP 8.0, PG 1, LINE 22G	0.0081	-	-	0.0081
7	BUILDING INVESTMENT FACTOR	WP 8.0, PG 1, LINE 23G	-	0.1757	-	0.1757
8	LAND INVESTMENT	LINE 5E x LINE 6C	$5.58		-	$5.58
9	BUILDING INVESTMENT	LINE 5E x LINE 7D	-	$121.78	-	$121.78
10	TOTAL UNIT INVESTMENT	LINE 5E + LINE 8C + LINE 9D	$5.58	$121.78	$693.05	$820.41
11	WEIGHTED UNIT INVESTMENT	INE 10 x WP 8.0, PG 1, LINE 26G	$1.62	$35.34	$201.12	$238.08

PHYSICAL COLLOCATION
Verizon - Pennsylvania
FCC - 1

DC POWER - LESS THAN OR EQUAL TO 60 AMPS

	A	B	C	D	E	F
	ITEM	SOURCE	LAND	BLDG	CKT EQPT.	TOTAL INVEST
1	TOTAL UNIT INVESTMENT	WP 5.0, PG 2 LINE 10	$5.58	$121.78	$693.05	$820.41
2	DEPRECIATION	LINE 1 X WP 8.0 - ACF FACTOR	$0.00	$2.50	$27.84	$30.34
3	COST OF MONEY	LINE 1 X WP 8.0 - ACF FACTOR	$0.63	$10.18	$37.78	$48.59
4	INCOME TAX	LINE 1 X WP 8.0 - ACF FACTOR	$0.34	$5.42	$20.12	$25.88
5	MAINTENANCE	LINE 1 X WP 8.0 - ACF FACTOR	$0.16	$3.46	$39.75	$43.36
6	ADMINISTRATION	LINE 1 X WP 8.0 - ACF FACTOR	$0.22	$4.86	$27.65	$32.73
7	OTHER TAX	LINE 1 X WP 8.0 - ACF FACTOR	$0.26	$5.74	$1.39	$7.39
8	ANNUAL DIRECT COST	SUM (LINE 2 THRU LINE 7)	$1.61	$32.15	$154.52	$188.28
9	WEIGHTED UNIT INVESTMENT	LINE 8 x WP 6.0, PG 1, LINE 26G	$0.47	$9.33	$44.84	$54.64

PHYSICAL COLLOCATION
Verizon - Pennsylvania
FCC NO. 1

DC POWER - LESS THAN OR EQUAL TO 60 AMPS

LINE NO.	A ITEM	B SOURCE	C METRO	D URBAN	E SUBURBAN	F RURAL
	Microprocessor Plant (BUSS BAR)					
1	AMP	Engineering	5,000	2,600	2,600	600
2	Material	Engineering	$27,154	$23,879	$23,879	$18,349
3	Unit Investment Per AMP	(L2 / L1)	$5.43	$9.18	$9.18	$30.58
4	Statewide Weighting	WP 8.0, Col G, Lns 27-30	0.2056	0.4539	0.2058	0.1347
5	Statewide Unit Investment Per AMP	$11.29	$1.12	$4.17	$1.89	$4.12
	Rectifiers					
6	Quantity	Engineering	6	6	6	7
7	AMPS per unit	Engineering	400	200	200	50
8	Tot. AMPS	(L6 * L7)	2,400	1,200	1,200	350
9	Utilization	(L6-1) / L6)	83.33%	83.33%	83.33%	85.71%
10	Material	Engineering	$55,502	$42,046	$42,046	$15,900
11	Total Investment	(L10 / L9)	$66,602	$50,455	$50,455	$18,550
12	Unit Investment Per AMP	(L11 / L8)	$27.75	$42.05	$42.05	$53.00
13	Statewide Weighting	WP 8.0, Col G, Lns 27-30	0.2056	0.4539	0.2058	0.1347
14	Statewide Unit Investment Per AMP	$40.58	$5.71	$19.08	$8.65	$7.14
	Batteries					
15	Strings	Engineering	3	3	3	2
16	AMPs per String	Engineering	688	310	310	310
17	Tot. AMPS	(L15 * L16)	2,064	930	930	620
18	Total Investment	Engineering	$80,952	$34,965	$34,965	$23,310
19	Unit Investment Per AMP	(L18 / L17)	$39.22	$37.60	$37.60	$37.60
20	Statewide Weighting	WP 8.0, Col G, Lns 27-30	0.2056	0.4539	0.2058	0.1347
21	Statewide Unit Investment Per AMP	$37.93	$8.06	$17.07	$7.74	$5.06
	Automatic Breaker					
22	AMP per Breaker	Engineering	1,600	1,200	800	400
23	Total Investment	Engineering	$50,000	$40,000	$35,000	$20,000
24	Unit Investment Per AMP	(L23 / L22)	$31.25	$33.33	$43.75	$50.00
25	Statewide Weighting	WP 8.0, Col G, Lns 27-30	0.2056	0.4539	0.2058	0.1347
26	Statewide Unit Investment Per AMP	$37.29	$6.43	$15.13	$9.00	$6.74
	Power Distribution Service Cabinet					
27	Amps	Engineering	1,600	800	400	400
28	Material	Engineering	$13,976	$7,788	$5,677	$3,467
29	Unit Investment Per AMP	(L28 / L27)	$8.74	$9.74	$14.19	$8.67
30	Statewide Weighting	WP 8.0, Col G, Lns 27-30	0.2056	0.4539	0.2058	0.1347
31	Statewide Unit Investment Per AMP	$10.30	$1.80	$4.42	$2.92	$1.17
	Emergency engine/turbine (auto start)					
32	AMP Capacity	Engineering	2,605	1,736	1,111	434
33	Utilization	Engineering	70%	70%	70%	70%
34	Utilized AMPS	(L32 * L33)	1,824	1,215	778	304
35	Emerg. Engine Invest.	Engineering	$130,765	$78,249	$53,871	$41,874
36	Conduit/Emer Lights	Engineering	$45,629	$30,487	$23,332	$11,810
37	Total Investment	(L35 + L36)	$176,394	$108,736	$77,203	$53,684
38	Unit Investment Per AMP	(L37 / L34)	$96.73	$89.48	$99.27	$176.71
39	Statewide Weighting	WP 8.0, Col G, Lns 27-30	0.2056	0.4539	0.2058	0.1347
40	Statewide Unit Investment Per AMP	$104.74	$19.89	$40.61	$20.43	$23.80
	Battery Distribution Fuse Bay					
41	AMP Capacity	Engineering	800	800	800	800
42	Material	Engineering	$5,355	$5,355	$5,355	$5,355
43	Unit Investment Per AMP	(L42 / L41)	$6.69	$6.69	$6.69	$6.69
44	Statewide Weighting	Service Costs	0.2056	0.4539	0.2058	0.1347
45	Statewide Unit Investment Per AMP	$6.69	$1.38	$3.04	$1.38	$0.90
46	Total Unit Investment - (Less than or Equal to 60 AMP's) - Sum Lines (5C+14C+21C+26C+31C+40C+45C)	$248.83				

PHYSICAL COLLOCATION
Verizon - Pennsylvania
FCC - 1

DC POWER - GREATER THAN 60 AMPS

	A	B	C	D	E	F
	ITEM	SOURCE	LAND	BLDG	SWITCH EQPT.	TOTAL INVEST
1	TOTAL POWER PLANT UNIT INVESTMENT	WP 5.1, PG 3, LINE 10	-	-	$251.10	$251.10
2	EF&I FACTOR - FRC 377C	WP 8.0, PG 1, LINE 24G	-	-	2.7852	2.7852
3	INSTALLED INVESTMENT (NRC)	LINE 1 x LINE 2	-	-	$699.37	$699.37
4	UTILIZATION FACTOR	ENGINEERING	-	-	1.0000	1.0000
5	TOTAL IN-PLACE INVESTMENT	LINE 3 x LINE 4	-	-	$699.37	$699.37
6	LAND INVESTMENT FACTOR	WP 8.0, PG 1, LINE 22G	0.0081	-	-	0.0081
7	BUILDING INVESTMENT FACTOR	WP 8.0, PG 1, LINE 23G	-	0.1757	-	0.1757
8	LAND INVESTMENT	LINE 5E x LINE 6C	$5.63		-	$5.63
9	BUILDING INVESTMENT	LINE 5E x LINE 7D	-	$122.89	-	$122.89
10	TOTAL UNIT INVESTMENT	LINE 5E + LINE 8C + LINE 9D	$5.63	$122.89	$699.37	$827.89
11	WEIGHTED UNIT INVESTMENT	INE 10 x WP 8.0, PG 1, LINE 26G	$1.64	$35.66	$202.95	$240.24

PHYSICAL COLLOCATION
Verizon - Pennsylvania
FCC - 1

DC POWER - GREATER THAN 60 AMPS

	A	B	C	D	E	F
	ITEM	SOURCE	LAND	BLDG	CKT EQPT.	TOTAL INVEST
1	TOTAL UNIT INVESTMENT	WP 5.1, PG 2 LINE 10	$5.63	$122.89	$699.37	$827.89
2	DEPRECIATION	LINE 1 X WP 8.0 - ACF FACTOR	$0.00	$2.52	$28.10	$30.62
3	COST OF MONEY	LINE 1 X WP 8.0 - ACF FACTOR	$0.64	$10.27	$38.12	$49.03
4	INCOME TAX	LINE 1 X WP 8.0 - ACF FACTOR	$0.34	$5.47	$20.30	$26.11
5	MAINTENANCE	LINE 1 X WP 8.0 - ACF FACTOR	$0.16	$3.49	$40.11	$43.76
6	ADMINISTRATION	LINE 1 X WP 8.0 - ACF FACTOR	$0.22	$4.90	$27.90	$33.03
7	OTHER TAX	LINE 1 X WP 8.0 - ACF FACTOR	$0.27	$5.79	$1.40	$7.45
8	ANNUAL DIRECT COST	SUM (LINE 2 THRU LINE 7)	$1.63	$32.44	$155.93	$190.00
9	WEIGHTED UNIT INVESTMENT	LINE 8 x WP 8.0, PG 1, LINE 26G	$0.47	$9.41	$45.25	$55.14

PHYSICAL COLLOCATION
Verizon - Pennsylvania
FCC NO. 1

DC POWER - GREATER THAN 60 AMPS

LINE NO.	A ITEM	B SOURCE	C METRO	D URBAN	E SUBURBAN	F RURAL
	Microprocessor Plant (BUSS BAR)					
1	AMP	Engineering	5,000	2,600	2,600	600
2	Material	Engineering	$27,154	$23,879	$23,879	$18,349
3	Unit Investment Per AMP	(L2 / L1)	$5.43	$9.18	$9.18	$30.58
4	Statewide Weighting	WP 8.0, Col G, Lns 27-30	0.2056	0.4539	0.2058	0.1347
5	Statewide Unit Investment Per AMP	$11.29	$1.12	$4.17	$1.89	$4.12
	Rectifiers					
6	Quantity	Engineering	6	6	6	7
7	AMPS per unit	Engineering	400	200	200	50
8	Tot. AMPS	(L6 * L7)	2,400	1,200	1,200	350
9	Utilization	(L6-1) / L6)	83.33%	83.33%	83.33%	85.71%
10	Material	Engineering	$55,502	$42,046	$42,046	$15,900
11	Total Investment	(L10 / L9)	$66,602	$50,455	$50,455	$18,550
12	Unit Investment Per AMP	(L11 / L8)	$27.75	$42.05	$42.05	$53.00
13	Statewide Weighting	WP 8.0, Col G, Lns 27-30	0.2056	0.4539	0.2058	0.1347
14	Statewide Unit Investment Per AMP	$40.58	$5.71	$19.08	$8.65	$7.14
	Batteries					
15	Strings	Engineering	3	3	3	2
16	AMPs per String	Engineering	688	310	310	310
17	Tot. AMPS	(L15 * L16)	2,064	930	930	620
18	Total Investment	Engineering	$80,952	$34,965	$34,965	$23,310
19	Unit Investment Per AMP	(L18 / L17)	$39.22	$37.60	$37.60	$37.60
20	Statewide Weighting	WP 8.0, Col G, Lns 27-30	0.2056	0.4539	0.2058	0.1347
21	Statewide Unit Investment Per AMP	$37.93	$8.06	$17.07	$7.74	$5.06
	Automatic Breaker					
22	AMP per Breaker	Engineering	1,600	1,200	800	400
23	Total Investment	Engineering	$50,000	$40,000	$35,000	$20,000
24	Unit Investment Per AMP	(L23 / L22)	$31.25	$33.33	$43.75	$50.00
25	Statewide Weighting	WP 8.0, Col G, Lns 27-30	0.2056	0.4539	0.2058	0.1347
26	Statewide Unit Investment Per AMP	$37.29	$6.43	$15.13	$9.00	$6.74
	Power Distribution Service Cabinet					
27	Amps	Engineering	1,600	800	400	400
28	Material	Engineering	$13,976	$7,788	$5,677	$3,467
29	Unit Investment Per AMP	(L28 / L27)	$8.74	$9.74	$14.19	$8.67
30	Statewide Weighting	WP 8.0, Col G, Lns 27-30	0.2056	0.4539	0.2058	0.1347
31	Statewide Unit Investment Per AMP	$10.30	$1.80	$4.42	$2.92	$1.17
	Emergency engine/turbine (auto start)					
32	AMP Capacity	Engineering	2,605	1,736	1,111	434
33	Utilization	Engineering	70%	70%	70%	70%
34	Utilized AMPS	(L32 * L33)	1,824	1,215	778	304
35	Emerg. Engine Invest.	Engineering	$130,765	$78,249	$53,871	$41,874
36	Conduit/Emer Lights	Engineering	$45,629	$30,487	$23,332	$11,810
37	Total Investment	(L35 + L36)	$176,394	$108,736	$77,203	$53,684
38	Unit Investment Per AMP	(L37 / L34)	$96.73	$89.48	$99.27	$176.71
39	Statewide Weighting	WP 8.0, Col G, Lns 27-30	0.2056	0.4539	0.2058	0.1347
40	Statewide Unit Investment Per AMP	$104.74	$19.89	$40.61	$20.43	$23.80
	Power Plant Distribution Bay					
41	AMP Capacity	Engineering	2,600	1,200	1,200	300
42	Material	Engineering	$12,747	$10,388	$10,388	$4,993
43	Unit Investment Per AMP	(L42 / L41)	$4.90	$8.66	$8.66	$16.64
44	Statewide Weighting	WP 8.0, Col G, Lns 27-30	0.2056	0.4539	0.2058	0.1347
45	Statewide Unit Investment Per AMP	$8.96	**$1.01**	**$3.93**	**$1.78**	**$2.24**
46	Total Unit Investment - (Greater than 60 AMPs) -Sum Lines (5C+14C+21C+26C+31C+40C + 45C)	$251.10				

PHYSICAL COLLOCATION
Verizon - Virginia
FCC - 1

DC POWER - LESS THAN OR EQUAL TO 60 AMPS

	A	B	C	D	E	F
	ITEM	SOURCE	LAND	BLDG	SWITCH EQPT.	TOTAL INVEST
1	TOTAL POWER PLANT UNIT INVESTMENT	WP 6.0, PG 3, LINE 10	-	-	$249.21	$249.21
2	EF&I FACTOR - FRC 377C	WP 8.0, PG 1, LINE 24H	-	-	2.7852	2.7852
3	INSTALLED INVESTMENT (NRC)	LINE 1 x LINE 2	-	-	$694.10	$694.10
4	UTILIZATION FACTOR	ENGINEERING	-	-	1.0000	1.0000
5	TOTAL IN-PLACE INVESTMENT	LINE 3 x LINE 4	-	-	$694.10	$694.10
6	LAND INVESTMENT FACTOR	WP 8.0, PG 1, LINE 22H	0.0071	-	-	0.0071
7	BUILDING INVESTMENT FACTOR	WP 8.0, PG 1, LINE 23H	-	0.1282	-	0.1282
8	LAND INVESTMENT	LINE 5E x LINE 6C	$4.94		-	$4.94
9	BUILDING INVESTMENT	LINE 5E x LINE 7D	-	$88.96	-	$88.96
10	TOTAL UNIT INVESTMENT	LINE 5E + LINE 8C + LINE 9D	$4.94	$88.96	$694.10	$788.00
11	WEIGHTED UNIT INVESTMENT	INE 10 x WP 8.0, PG 1, LINE 26H	$0.77	$13.83	$107.92	$122.53

PHYSICAL COLLOCATION
Verizon - Virginia
FCC - 1

DC POWER - LESS THAN OR EQUAL TO 60 AMPS

	A	B	C	D	E	F
	ITEM	SOURCE	LAND	BLDG	CKT EQPT.	TOTAL INVEST
1	TOTAL UNIT INVESTMENT	WP 6.0, PG 2 LINE 10	$4.94	$88.96	$694.10	$788.00
2	DEPRECIATION	LINE 1 X WP 8.0 - ACF FACTOR	$0.00	$1.94	$27.56	$29.50
3	COST OF MONEY	LINE 1 X WP 8.0 - ACF FACTOR	$0.56	$7.42	$38.98	$46.96
4	INCOME TAX	LINE 1 X WP 8.0 - ACF FACTOR	$0.27	$3.55	$18.64	$22.45
5	MAINTENANCE	LINE 1 X WP 8.0 - ACF FACTOR	$0.17	$3.06	$37.17	$40.40
6	ADMINISTRATION	LINE 1 X WP 8.0 - ACF FACTOR	$0.19	$3.46	$27.02	$30.67
7	OTHER TAX	LINE 1 X WP 8.0 - ACF FACTOR	$0.04	$0.72	$5.64	$6.40
8	ANNUAL DIRECT COST	SUM (LINE 2 THRU LINE 7)	$1.23	$20.15	$155.02	$176.40
9	WEIGHTED UNIT INVESTMENT	LINE 8 x WP 8.0, PG 1, LINE 26H	$0.19	$3.13	$24.10	$27.43

PHYSICAL COLLOCATION
Verizon - Virginia
FCC NO. 1

DC POWER - LESS THAN OR EQUAL TO 60 AMPS

LINE NO.	A ITEM	B SOURCE	C METRO	D URBAN	E SUBURBAN	F RURAL
	Microprocessor Plant (BUSS BAR)					
1	AMP	Engineering	5,000	2,600	2,600	600
2	Material	Engineering	$27,154	$23,879	$23,879	$18,349
3	Unit Investment Per AMP	(L2 / L1)	$5.43	$9.18	$9.18	$30.58
4	Statewide Weighting	WP 8.0, Col H, Lns 27-30	0.1585	0.4362	0.2869	0.1184
5	Statewide Unit Investment Per AMP	$11.12	$0.86	$4.01	$2.63	$3.62
	Rectifiers					
6	Quantity	Engineering	6	6	6	7
7	AMPS per unit	Engineering	400	200	200	50
8	Tot. AMPS	(L6 * L7)	2,400	1,200	1,200	350
9	Utilization	(L6-1) / L6)	83.33%	83.33%	83.33%	85.71%
10	Material	Engineering	$55,502	$42,046	$42,046	$15,900
11	Total Investment	(L10 / L9)	$66,602	$50,455	$50,455	$18,550
12	Unit Investment Per AMP	(L11 / L8)	$27.75	$42.05	$42.05	$53.00
13	Statewide Weighting	WP 8.0, Col H, Lns 27-30	0.1585	0.4362	0.2869	0.1184
14	Statewide Unit Investment Per AMP	$41.08	$4.40	$18.34	$12.06	$6.28
	Batteries					
15	Strings	Engineering	3	3	3	2
16	AMPs per String	Engineering	688	310	310	310
17	Tot. AMPS	(L15 * L16)	2,064	930	930	620
18	Total Investment	Engineering	$80,952	$34,965	$34,965	$23,310
19	Unit Investment Per AMP	(L18 / L17)	$39.22	$37.60	$37.60	$37.60
20	Statewide Weighting	WP 8.0, Col H, Lns 27-30	0.1585	0.4362	0.2869	0.1184
21	Statewide Unit Investment Per AMP	$37.85	$6.22	$16.40	$10.79	$4.45
	Automatic Breaker					
22	AMP per Breaker	Engineering	1,600	1,200	800	400
23	Total Investment	Engineering	$50,000	$40,000	$35,000	$20,000
24	Unit Investment Per AMP	(L23 / L22)	$31.25	$33.33	$43.75	$50.00
25	Statewide Weighting	WP 8.0, Col H, Lns 27-30	0.1585	0.4362	0.2869	0.1184
26	Statewide Unit Investment Per AMP	$37.97	$4.95	$14.54	$12.55	$5.92
	Power Distribution Service Cabinet					
27	Amps	Engineering	1,600	800	400	400
28	Material	Engineering	$13,976	$7,788	$5,677	$3,467
29	Unit Investment Per AMP	(L28 / L27)	$8.74	$9.74	$14.19	$8.67
30	Statewide Weighting	WP 8.0, Col H, Lns 27-30	0.1585	0.4362	0.2869	0.1184
31	Statewide Unit Investment Per AMP	$10.73	$1.38	$4.25	$4.07	$1.03
	Emergency engine/turbine (auto start)					
32	AMP Capacity	Engineering	2,605	1,736	1,111	434
33	Utilization	Engineering	70%	70%	70%	70%
34	Utilized AMPS	(L32 * L33)	1,824	1,215	778	304
35	Emerg. Engine Invest.	Engineering	$130,765	$78,249	$53,871	$41,874
36	Conduit/Emer Lights	Engineering	$45,629	$30,487	$23,332	$11,810
37	Total Investment	(L35 + L36)	$176,394	$108,736	$77,203	$53,684
38	Unit Investment Per AMP	(L37 / L34)	$96.73	$89.48	$99.27	$176.71
39	Statewide Weighting	WP 8.0, Col H, Lns 27-30	0.1585	0.4362	0.2869	0.1184
40	Statewide Unit Investment Per AMP	$103.77	$15.33	$39.03	$28.48	$20.92
	Battery Distribution Fuse Bay					
41	AMP Capacity	Engineering	800	800	800	800
42	Material	Engineering	$5,355	$5,355	$5,355	$5,355
43	Unit Investment Per AMP	(L42 / L41)	$6.69	$6.69	$6.69	$6.69
44	Statewide Weighting	WP 8.0, Col H, Lns 27-30	0.1585	0.4362	0.2869	0.1184
45	Statewide Unit Investment Per AMP	$6.69	$1.06	$2.92	$1.92	$0.79
46	Total Unit Investment - (Less than or Equal to 60 AMP's) - Sum Lines (5C+14C+21C+26C+31C+40C+45C)	$249.21				

PHYSICAL COLLOCATION
Verizon - Virginia
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DC POWER - GREATER THAN 60 AMPS

	A	B	C	D	E	F
	ITEM	SOURCE	LAND	BLDG	SWITCH EQPT.	TOTAL INVEST
1	TOTAL POWER PLANT UNIT INVESTMENT	WP 6.1, PG 3, LINE 10	-	-	$251.52	$251.52
2	EF&I FACTOR - FRC 377C	WP 8.0, PG 1, LINE 24H	-	-	2.7852	2.7852
3	INSTALLED INVESTMENT (NRC)	LINE 1 x LINE 2	-	-	$700.54	$700.54
4	UTILIZATION FACTOR	ENGINEERING	-	-	1.0000	1.0000
5	TOTAL IN-PLACE INVESTMENT	LINE 3 x LINE 4	-	-	$700.54	$700.54
6	LAND INVESTMENT FACTOR	WP 8.0, PG 1, LINE 22H	0.0071	-	-	0.0071
7	BUILDING INVESTMENT FACTOR	WP 8.0, PG 1, LINE 23H	-	0.1282	-	0.1282
8	LAND INVESTMENT	LINE 5E x LINE 6C	$4.99		-	$4.99
9	BUILDING INVESTMENT	LINE 5E x LINE 7D	-	$89.79	-	$89.79
10	TOTAL UNIT INVESTMENT	LINE 5E + LINE 8C + LINE 9D	$4.99	$89.79	$700.54	$795.31
11	WEIGHTED UNIT INVESTMENT	INE 10 x WP 8.0, PG 1, LINE 26G	$0.78	$13.96	$108.93	$123.66

PHYSICAL COLLOCATION
Verizon - Virginia
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DC POWER - GREATER THAN 60 AMPS

	A	B	C	D	E	F
	ITEM	SOURCE	LAND	BLDG	CKT EQPT.	TOTAL INVEST
1	TOTAL UNIT INVESTMENT	WP 6.1, PG 2 LINE 10	$4.99	$89.79	$700.54	$795.31
2	DEPRECIATION	LINE 1 X WP 8.0 - ACF FACTOR	$0.00	$1.96	$27.82	$29.78
3	COST OF MONEY	LINE 1 X WP 8.0 - ACF FACTOR	$0.56	$7.49	$39.34	$47.39
4	INCOME TAX	LINE 1 X WP 8.0 - ACF FACTOR	$0.27	$3.58	$18.81	$22.66
5	MAINTENANCE	LINE 1 X WP 8.0 - ACF FACTOR	$0.17	$3.09	$37.52	$40.78
6	ADMINISTRATION	LINE 1 X WP 8.0 - ACF FACTOR	$0.19	$3.49	$27.27	$30.96
7	OTHER TAX	LINE 1 X WP 8.0 - ACF FACTOR	$0.04	$0.73	$5.69	$6.46
8	ANNUAL DIRECT COST	SUM (LINE 2 THRU LINE 7)	$1.24	$20.34	$156.46	$178.03
9	WEIGHTED UNIT INVESTMENT	LINE 8 x WP 8.0, PG 1, LINE 26H	$0.19	$3.16	$24.33	$27.68

PHYSICAL COLLOCATION
Verizon - Virginia
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DC POWER - GREATER THAN 60 AMPS

LINE NO.	A ITEM	B SOURCE	C METRO	D URBAN	E SUBURBAN	F RURAL
	Microprocessor Plant (BUSS BAR)					
1	AMP	Engineering	5,000	2,600	2,600	600
2	Material	Engineering	$27,154	$23,879	$23,879	$18,349
3	Unit Investment Per AMP	(L2 / L1)	$5.43	$9.18	$9.18	$30.58
4	Statewide Weighting	WP 8.0, Col H, Lns 27-30	0.1585	0.4362	0.2869	0.1184
5	Statewide Unit Investment Per AMP	$11.12	$0.86	$4.01	$2.63	$3.62
	Rectifiers					
6	Quantity	Engineering	6	6	6	7
7	AMPS per unit	Engineering	400	200	200	50
8	Tot. AMPS	(L6 * L7)	2,400	1,200	1,200	350
9	Utilization	(L6-1) / L6)	83.33%	83.33%	83.33%	85.71%
10	Material	Engineering	$55,502	$42,046	$42,046	$15,900
11	Total Investment	(L10 / L9)	$66,602	$50,455	$50,455	$18,550
12	Unit Investment Per AMP	(L11 / L8)	$27.75	$42.05	$42.05	$53.00
13	Statewide Weighting	WP 8.0, Col H, Lns 27-30	0.1585	0.4362	0.2869	0.1184
14	Statewide Unit Investment Per AMP	$41.08	$4.40	$18.34	$12.06	$6.28
	Batteries					
15	Strings	Engineering	3	3	3	2
16	AMPs per String	Engineering	688	310	310	310
17	Tot. AMPS	(L15 * L16)	2,064	930	930	620
18	Total Investment	Engineering	$80,952	$34,965	$34,965	$23,310
19	Unit Investment Per AMP	(L18 / L17)	$39.22	$37.60	$37.60	$37.60
20	Statewide Weighting	WP 8.0, Col H, Lns 27-30	0.1585	0.4362	0.2869	0.1184
21	Statewide Unit Investment Per AMP	$37.85	$6.22	$16.40	$10.79	$4.45
	Automatic Breaker					
22	AMP per Breaker	Engineering	1,600	1,200	800	400
23	Total Investment	Engineering	$50,000	$40,000	$35,000	$20,000
24	Unit Investment Per AMP	(L23 / L22)	$31.25	$33.33	$43.75	$50.00
25	Statewide Weighting	WP 8.0, Col H, Lns 27-30	0.1585	0.4362	0.2869	0.1184
26	Statewide Unit Investment Per AMP	$37.97	$4.95	$14.54	$12.55	$5.92
	Power Distribution Service Cabinet					
27	Amps	Engineering	1,600	800	400	400
28	Material	Engineering	$13,976	$7,788	$5,677	$3,467
29	Unit Investment Per AMP	(L28 / L27)	$8.74	$9.74	$14.19	$8.67
30	Statewide Weighting	WP 8.0, Col H, Lns 27-30	0.1585	0.4362	0.2869	0.1184
31	Statewide Unit Investment Per AMP	$10.73	$1.38	$4.25	$4.07	$1.03
	Emergency engine/turbine (auto start)					
32	AMP Capacity	Engineering	2,605	1,736	1,111	434
33	Utilization	Engineering	70%	70%	70%	70%
34	Utilized AMPS	(L32 * L33)	1,824	1,215	778	304
35	Emerg. Engine Invest.	Engineering	$130,765	$78,249	$53,871	$41,874
36	Conduit/Emer Lights	Engineering	$45,629	$30,487	$23,332	$11,810
37	Total Investment	(L35 + L36)	$176,394	$108,736	$77,203	$53,684
38	Unit Investment Per AMP	(L37 / L34)	$96.73	$89.48	$99.27	$176.71
39	Statewide Weighting	WP 8.0, Col H, Lns 27-30	0.1585	0.4362	0.2869	0.1184
40	Statewide Unit Investment Per AMP	$103.77	$15.33	$39.03	$28.48	$20.92
	Power Plant Distribution Bay					
41	AMP Capacity	Engineering	2,600	1,200	1,200	300
42	Material	Engineering	$12,747	$10,388	$10,388	$4,993
43	Unit Investment Per AMP	(L42 / L41)	$4.90	$8.66	$8.66	$16.64
44	Statewide Weighting	WP 8.0, Col H, Lns 27-30	0.1585	0.4362	0.2869	0.1184
45	Statewide Unit Investment Per AMP	$9.01	**$0.78**	**$3.78**	**$2.48**	**$1.97**
46	Total Unit Investment - (Greater than 60 AMPs) -Sum Lines (5C+14C+21C+26C+31C+40C + 45C)	$251.52				

PHYSICAL COLLOCATION
Verizon - West Virginia
FCC - 1

DC POWER - LESS THAN OR EQUAL TO 60 AMPS

	A	B	C	D	E	F
	ITEM	SOURCE	LAND	BLDG	SWITCH EQPT.	TOTAL INVEST
1	TOTAL POWER PLANT UNIT INVESTMENT	WP 7.0, PG 3, LINE 10	-	-	$304.02	$304.02
2	EF&I FACTOR - FRC 377C	WP 8.0, PG 1, LINE 24I	-	-	2.7852	2.7852
3	INSTALLED INVESTMENT (NRC)	LINE 1 x LINE 2	-	-	$846.76	$846.76
4	UTILIZATION FACTOR	ENGINEERING	-	-	1.0000	1.0000
5	TOTAL IN-PLACE INVESTMENT	LINE 3 x LINE 4	-	-	$846.76	$846.76
6	LAND INVESTMENT FACTOR	WP 8.0, PG 1, LINE 22I	0.0103	-	-	0.0103
7	BUILDING INVESTMENT FACTOR	WP 8.0, PG 1, LINE 23I	-	0.2190	-	0.2190
8	LAND INVESTMENT	LINE 5E x LINE 6C	$8.68		-	$8.68
9	BUILDING INVESTMENT	LINE 5E x LINE 7D	-	$185.41	-	$185.41
10	TOTAL UNIT INVESTMENT	LINE 5E + LINE 8C + LINE 9D	$8.68	$185.41	$846.76	$1,040.86
11	WEIGHTED UNIT INVESTMENT	LINE 10 x WP 8.0, PG 1, LINE 26I	$0.33	$7.01	$32.02	$39.37

PHYSICAL COLLOCATION
Verizon - West Virginia
FCC - 1

DC POWER - LESS THAN OR EQUAL TO 60 AMPS

	A	B	C	D	E	F
	ITEM	SOURCE	LAND	BLDG	CKT EQPT.	TOTAL INVEST
1	TOTAL UNIT INVESTMENT	WP 7.0, PG 2 LINE 10	$8.68	$185.41	$846.76	$1,040.86
2	DEPRECIATION	LINE 1 X WP 8.0 - ACF FACTOR	$0.00	$4.36	$34.01	$38.37
3	COST OF MONEY	LINE 1 X WP 8.0 - ACF FACTOR	$0.98	$15.30	$46.46	$62.74
4	INCOME TAX	LINE 1 X WP 8.0 - ACF FACTOR	$0.51	$7.94	$24.10	$32.54
5	MAINTENANCE	LINE 1 X WP 8.0 - ACF FACTOR	$0.25	$5.36	$56.26	$61.87
6	ADMINISTRATION	LINE 1 X WP 8.0 - ACF FACTOR	$0.33	$6.95	$31.75	$39.03
7	OTHER TAX	LINE 1 X WP 8.0 - ACF FACTOR	$0.09	$1.98	$9.07	$11.15
8	ANNUAL DIRECT COST	SUM (LINE 2 THRU LINE 7)	$2.16	$41.88	$201.66	$245.70
9	WEIGHTED UNIT INVESTMENT	LINE 8 x WP 8.0, PG 1, LINE 26I	$0.08	$1.58	$7.63	$9.29

PHYSICAL COLLOCATION
Verizon - West Virginia
FCC NO. 1

DC POWER - LESS THAN OR EQUAL TO 60 AMPS

LINE NO.	A ITEM	B SOURCE	C URBAN	D SUBURBAN	E RURAL
	Microprocessor Plant (BUSS BAR)				
1	AMP	Engineering	2,600	2,600	600
2	Material	Engineering	$23,879	$23,879	$18,349
3	Unit Investment Per AMP	(L2 / L1)	$9.18	$9.18	$30.58
4	Statewide Weighting	WP 8.0, Col I, Lns 27-30	0.2135	0.2751	0.5115
5	Statewide Unit Investment Per AMP	$20.13	$1.96	$2.53	$15.64
	Rectifiers				
6	Quantity	Engineering	6	6	7
7	AMPS per unit	Engineering	200	200	50
8	Tot. AMPS	(L6 * L7)	1,200	1,200	350
9	Utilization	(L6-1) / L6)	83.33%	83.33%	85.71%
10	Material	Engineering	$42,046	$42,046	$15,900
11	Total Investment	(L10 / L9)	$50,455	$50,455	$18,550
12	Unit Investment Per AMP	(L11 / L8)	$42.05	$42.05	$53.00
13	Statewide Weighting	WP 8.0, Col I, Lns 27-30	0.2135	0.2751	0.5115
14	Statewide Unit Investment Per AMP	$47.65	$8.98	$11.57	$27.11
	Batteries				
15	Strings	Engineering	3	3	2
16	AMPs per String	Engineering	310	310	310
17	Tot. AMPS	(L15 * L16)	930	930	620
18	Total Investment	Engineering	$34,965	$34,965	$23,310
19	Unit Investment Per AMP	(L18 / L17)	$37.60	$37.60	$37.60
20	Statewide Weighting	WP 8.0, Col I, Lns 27-30	0.2135	0.2751	0.5115
21	Statewide Unit Investment Per AMP	$37.60	$8.03	$10.34	$19.23
	Automatic Breaker				
22	AMP per Breaker	Engineering	1,200	800	400
23	Total Investment	Engineering	$40,000	$35,000	$20,000
24	Unit Investment Per AMP	(L23 / L22)	$33.33	$43.75	$50.00
25	Statewide Weighting	WP 8.0, Col I, Lns 27-30	0.2135	0.2751	0.5115
26	Statewide Unit Investment Per AMP	$44.73	$7.12	$12.04	$25.58
	Power Distribution Service Cabinet				
27	Amps	Engineering	800	400	400
28	Material	Engineering	$7,788	$5,677	$3,467
29	Unit Investment Per AMP	(L28 / L27)	$9.74	$14.19	$8.67
30	Statewide Weighting	WP 8.0, Col I, Lns 27-30	0.2135	0.2751	0.5115
31	Statewide Unit Investment Per AMP	$10.42	$2.08	$3.90	$4.43
	Emergency engine/turbine (auto start)				
32	AMP Capacity	Engineering	1,736	1,111	434
33	Utilization	Engineering	70%	70%	70%
34	Utilized AMPS	(L32 * L33)	1,215	778	304
35	Emerg. Engine Invest.	Engineering	$78,249	$53,871	$41,874
36	Conduit/Emer Lights	Engineering	$30,487	$23,332	$11,810
37	Total Investment	(L35 + L36)	$108,736	$77,203	$53,684
38	Unit Investment Per AMP	(L37 / L34)	$89.48	$99.27	$176.71
39	Statewide Weighting	WP 8.0, Col I, Lns 27-30	0.2135	0.2751	0.5115
40	Statewide Unit Investment Per AMP	$136.80	$19.10	$27.31	$90.39
	Battery Distribution Fuse Bay				
41	AMP Capacity	Engineering	800	800	800
42	Material	Engineering	$5,355	$5,355	$5,355
43	Unit Investment Per AMP	(L42 / L41)	$6.69	$6.69	$6.69
44	Statewide Weighting	WP 8.0, Col I, Lns 27-30	0.2135	0.2751	0.5115
45	Statewide Unit Investment Per AMP	$6.69	$1.43	$1.84	$3.42
46	Total Unit Investment - (Less than or Equal to 60 AMP's) - Sum Lines (5C+14C+21C+26C+31C+40C+45C)	$304.02			

PHYSICAL COLLOCATION
Verizon - West Virginia
FCC - 1

DC POWER - GREATER THAN 60 AMPS

	A	B	C	D	E	F
	ITEM	SOURCE	LAND	BLDG	SWITCH EQPT.	TOTAL INVEST
1	TOTAL POWER PLANT UNIT INVESTMENT	WP 7.1, PG 3, LINE 10	-	-	$310.07	$310.07
2	EF&I FACTOR - FRC 377C	WP 8.0, PG 1, LINE 24I	-	-	2.7852	2.7852
3	INSTALLED INVESTMENT (NRC)	LINE 1 x LINE 2	-	-	$863.61	$863.61
4	UTILIZATION FACTOR	ENGINEERING	-	-	1.0000	1.0000
5	TOTAL IN-PLACE INVESTMENT	LINE 3 x LINE 4	-	-	$863.61	$863.61
6	LAND INVESTMENT FACTOR	WP 8.0, PG 1, LINE 22I	0.0103	-	-	0.0103
7	BUILDING INVESTMENT FACTOR	WP 8.0, PG 1, LINE 23I	-	0.2190	-	0.2190
8	LAND INVESTMENT	LINE 5E x LINE 6C	$8.86		-	$8.86
9	BUILDING INVESTMENT	LINE 5E x LINE 7D	-	$189.10	-	$189.10
10	TOTAL UNIT INVESTMENT	LINE 5E + LINE 8C + LINE 9D	$8.86	$189.10	$863.61	$1,061.56
11	WEIGHTED UNIT INVESTMENT	LINE 10 x WP 8.0, PG 1, LINE 26I	$0.33	$7.15	$32.66	$40.15

PHYSICAL COLLOCATION
Verizon - West Virginia
FCC - 1

DC POWER - GREATER THAN 60 AMPS

	A	B	C	D	E	F
	ITEM	SOURCE	LAND	BLDG	CKT EQPT.	TOTAL INVEST
1	TOTAL UNIT INVESTMENT	WP 7.1, PG 2 LINE 10	$8.86	$189.10	$863.61	$1,061.56
2	DEPRECIATION	LINE 1 X WP 8.0 - ACF FACTOR	$0.00	$4.44	$34.69	$39.13
3	COST OF MONEY	LINE 1 X WP 8.0 - ACF FACTOR	$1.00	$15.60	$47.39	$63.99
4	INCOME TAX	LINE 1 X WP 8.0 - ACF FACTOR	$0.52	$8.09	$24.58	$33.19
5	MAINTENANCE	LINE 1 X WP 8.0 - ACF FACTOR	$0.26	$5.47	$57.38	$63.10
6	ADMINISTRATION	LINE 1 X WP 8.0 - ACF FACTOR	$0.33	$7.09	$32.38	$39.81
7	OTHER TAX	LINE 1 X WP 8.0 - ACF FACTOR	$0.09	$2.02	$9.25	$11.37
8	ANNUAL DIRECT COST	SUM (LINE 2 THRU LINE 7)	$2.20	$42.72	$205.67	$250.59
9	WEIGHTED UNIT INVESTMENT	LINE 8 x WP 8.0, PG 1, LINE 26I	$0.08	$1.62	$7.78	$9.48

PHYSICAL COLLOCATION
Verizon - West Virginia
FCC NO. 1

DC POWER - GREATER THAN 60 AMPS

A	B	C	D	E	F
LINE NO.	ITEM	SOURCE	URBAN	SUBURBAN	RURAL
	Microprocessor Plant (BUSS BAR)				
1	AMP	Engineering	2,600	2,600	600
2	Material	Engineering	$23,879	$23,879	$18,349
3	Unit Investment Per AMP	(L2 / L1)	$9.18	$9.18	$30.58
4	Statewide Weighting	WP 8.0, Col I, Lns 27-30	0.2135	0.2751	0.5115
5	Statewide Unit Investment Per AMP	$20.13	$1.96	$2.53	$15.64
	Rectifiers				
6	Quantity	Engineering	6	6	7
7	AMPS per unit	Engineering	200	200	50
8	Tot. AMPS	(L6 * L7)	1,200	1,200	350
9	Utilization	(L6-1) / L6)	83.33%	83.33%	85.71%
10	Material	Engineering	$42,046	$42,046	$15,900
11	Total Investment	(L10 / L9)	$50,455	$50,455	$18,550
12	Unit Investment Per AMP	(L11 / L8)	$42.05	$42.05	$53.00
13	Statewide Weighting	WP 8.0, Col I, Lns 27-30	0.2135	0.2751	0.5115
14	Statewide Unit Investment Per AMP	$47.65	$8.98	$11.57	$27.11
	Batteries				
15	Strings	Engineering	3	3	2
16	AMPs per String	Engineering	310	310	310
17	Tot. AMPS	(L15 * L16)	930	930	620
18	Total Investment	Engineering	$34,965	$34,965	$23,310
19	Unit Investment Per AMP	(L18 / L17)	$37.60	$37.60	$37.60
20	Statewide Weighting	WP 8.0, Col I, Lns 27-30	0.2135	0.2751	0.5115
21	Statewide Unit Investment Per AMP	$37.60	$8.03	$10.34	$19.23
	Automatic Breaker				
22	AMP per Breaker	Engineering	1,200	800	400
23	Total Investment	Engineering	$40,000	$35,000	$20,000
24	Unit Investment Per AMP	(L23 / L22)	$33.33	$43.75	$50.00
25	Statewide Weighting	WP 8.0, Col I, Lns 27-30	0.2135	0.2751	0.5115
26	Statewide Unit Investment Per AMP	$44.73	$7.12	$12.04	$25.58
	Power Distribution Service Cabinet				
27	Amps	Engineering	800	400	400
28	Material	Engineering	$7,788	$5,677	$3,467
29	Unit Investment Per AMP	(L28 / L27)	$9.74	$14.19	$8.67
30	Statewide Weighting	WP 8.0, Col I, Lns 27-30	0.2135	0.2751	0.5115
31	Statewide Unit Investment Per AMP	$10.42	$2.08	$3.90	$4.43
	Emergency engine/turbine (auto start)				
32	AMP Capacity	Engineering	1,736	1,111	434
33	Utilization	Engineering	70%	70%	70%
34	Utilized AMPS	(L32 * L33)	1,215	778	304
35	Emerg. Engine Invest.	Engineering	$78,249	$53,871	$41,874
36	Conduit/Emer Lights	Engineering	$30,487	$23,332	$11,810
37	Total Investment	(L35 + L36)	$108,736	$77,203	$53,684
38	Unit Investment Per AMP	(L37 / L34)	$89.48	$99.27	$176.71
39	Statewide Weighting	WP 8.0, Col I, Lns 27-30	0.2135	0.2751	0.5115
40	Statewide Unit Investment Per AMP	$136.80	$19.10	$27.31	$90.39
	Power Plant Distribution Bay				
41	AMP Capacity	Engineering	1,200	1,200	300
42	Material	Engineering	$10,388	$10,388	$4,993
43	Unit Investment Per AMP	(L42 / L41)	$8.66	$8.66	$16.64
44	Statewide Weighting	WP 8.0, Col I, Lns 27-30	0.2135	0.2751	0.5115
45	Statewide Unit Investment Per AMP	$12.74	**$1.85**	**$2.38**	**$8.51**
46	Total Unit Investment - (Greater than 60 AMPs) -Sum Lines (5C+14C+21C+26C+31C+40C + 45C)	$310.07			

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PHYSICAL COLLOCATION
VERIZON: DC, DE, MD, NJ, PA, VA & WV
FCC NO. 1

FACTORS

	A	B	C	D	E	F	G	H	I
LINE NO	ITEM	SOURCE	DC DATA	DE DATA	MD DATA	NJ DATA	PA DATA	VA DATA	WV DATA
	ANNUAL COST FACTOR								
	- Digital Switch - Power (2212.00)								
1	DEPRECIATION	SERVICE COSTS	0.0398	0.0398	0.0401	0.0398	0.0402	0.0397	0.0402
2	COST OF MONEY	SERVICE COSTS	0.0549	0.0552	0.0556	0.0551	0.0545	0.0562	0.0549
3	INCOME TAX	SERVICE COSTS	0.0290	0.0284	0.0273	0.0286	0.0290	0.0269	0.0285
4	MAINTENANCE	SERVICE COSTS	0.0654	0.0712	0.0501	0.0601	0.0573	0.0536	0.0664
5	ADMINISTRATION	SERVICE COSTS	0.0623	0.0291	0.0429	0.0432	0.0399	0.0389	0.0375
6	OTHER TAX	SERVICE COSTS	0.0031	0.0062	0.0175	0.0124	0.0020	0.0081	0.0107
7	**TOTAL- Digital Switch ACF**	SUM (LINES 1 THRU LINE 6)	**0.2545**	**0.2298**	**0.2335**	**0.2392**	**0.2230**	**0.2233**	**0.2381**
	- Land								
8	DEPRECIATION	SERVICE COSTS	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
9	COST OF MONEY	SERVICE COSTS	0.1131	0.1129	0.1128	0.1131	0.1130	0.1128	0.1129
10	INCOME TAX	SERVICE COSTS	0.0598	0.0581	0.0554	0.0587	0.0602	0.0539	0.0586
11	MAINTENANCE	SERVICE COSTS	0.0091	0.0267	0.0257	0.0258	0.0284	0.0344	0.0289
12	ADMINISTRATION	SERVICE COSTS	0.0623	0.0291	0.0429	0.0432	0.0399	0.0389	0.0375
13	OTHER TAX	SERVICE COSTS	0.0277	0.0192	0.0175	0.0124	0.0471	0.0081	0.0107
14	**TOTAL- Land ACF**	SUM (LINES 8 THRU LINE 13)	**0.2720**	**0.2460**	**0.2543**	**0.2532**	**0.2886**	**0.2481**	**0.2486**
	- Building								
15	DEPRECIATION	SERVICE COSTS	0.0165	0.0214	0.0220	0.0217	0.0205	0.0218	0.0235
16	COST OF MONEY	SERVICE COSTS	0.0860	0.0834	0.0834	0.0833	0.0836	0.0834	0.0825
17	INCOME TAX	SERVICE COSTS	0.0454	0.0429	0.0410	0.0432	0.0445	0.0399	0.0428
18	MAINTENANCE	SERVICE COSTS	0.0091	0.0267	0.0257	0.0258	0.0284	0.0344	0.0289
19	ADMINISTRATION	SERVICE COSTS	0.0623	0.0291	0.0429	0.0432	0.0399	0.0389	0.0375
20	OTHER TAX	SERVICE COSTS	0.0277	0.0192	0.0175	0.0124	0.0471	0.0081	0.0107
21	**TOTAL- Building ACF**	SUM (LINES 15 THRU LINE 20)	**0.2470**	**0.2227**	**0.2325**	**0.2296**	**0.2640**	**0.2265**	**0.2259**
	OTHER FACTORS:		**DC**	**DE**	**MD**	**NJ**	**PA**	**VA**	**WV**
22	LAND INVESTMENT FACTOR	SERVICE COSTS	**0.009166**	**0.009389**	**0.007799**	**0.010591**	**0.008057**	**0.007117**	**0.010255**
23	BUILDING INVESTMENT FACTOR	SERVICE COSTS	**0.152269**	**0.199439**	**0.146989**	**0.168726**	**0.175710**	**0.128173**	**0.218968**
24	POWER INSTALL & ENGR FACTOR FRC (377C)	SERVICE COSTS	**2.7852**	**2.7852**	**2.7852**	**2.7852**	**2.7852**	**2.7852**	**2.7852**
25	OVERHEAD LOADING FACTOR	REGULATORY	**1.23**	**1.23**	**1.23**	**1.23**	**1.23**	**1.23**	**1.23**
26	BA-SOUTH NAL WEIGHTING FACTOR	SERVICE COSTS	**0.03644**	**0.02566**	**0.16245**	**0.29196**	**0.29019**	**0.15549**	**0.03782**
27	METRO POWER ZONE WEIGIHTING	ENGINEERING	**0.5982**	**0.3027**	**0.1763**	**0.3097**	**0.2056**	**0.1585**	**0.0000**
28	URBAN POWER ZONE WEIGHTING	ENGINEERING	**0.3750**	**0.3008**	**0.5162**	**0.4901**	**0.4539**	**0.4362**	**0.2135**
29	SUBURBAN POWER ZONE WEIGHTIN	ENGINEERING	**0.0268**	**0.2759**	**0.1698**	**0.1724**	**0.2058**	**0.2869**	**0.2751**
30	RURAL POWER ZONE WEIGHTING	ENGINEERING	**0.0000**	**0.1207**	**0.1377**	**0.0278**	**0.1347**	**0.1184**	**0.5115**
31	TOTAL WEIGHTING		**1.0000**	**1.0001**	**1.0000**	**1.0000**	**1.0000**	**1.0000**	**1.0001**